

## **Operation Description for Radio Control T-Rex**

The Radio Control T-Rex is a radio control toys and it is powered by a 2 x 1.5V AA size batteries. The radio frequency is generated by 27.145MHz crystal and it has 2 buttons on the EUT. When the Forward or Backward switch is pushed once, it will transmit the radio frequency to receiver.

Referring to the transmitter circuit design, the circuit description is listed below:

- U1 and associated circuit act as encoder.
- Q1, T1 and associated circuit are for oscillator.
- Q3 and associated circuit are for RF amplifier.